

**Rec'd PCT/PTO 19 SEP 2006****Nixon Peabody LLP**  
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| From: Ronald I. Eisenstein<br>Leena H. Karttunen | Date: September 19, 2006 | No. of Pages: 16<br>(including this page) | 700953-53666 |
|--|--------------------------|---|--------------|

Practitioner's Docket No. 700953-53666**PATENT****IN THE UNITED STATES RECEIVING OFFICE**

| International Application Number | International Filing Date        | International Earliest Priority Date |
|----------------------------------|----------------------------------|--------------------------------------|
| PCT/US2004/037810                | 12 November 2004<br>(12.11.2004) | 12 November 2003<br>(12.11.2003)     |

U.S. SERIAL NO.: 10/579,007

TITLE OF INVENTION: SYSTEM FOR TREATING AND PREVENTING BREAST CANCER

APPLICANT(S) FOR DO/EO/US: Panicali et al.

Mail Stop PCT (U.S. Receiving Office)  
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P.O. Box 1450  
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| From: Ronald I. Eisenstein<br>Leena H. Karttunen | Date: September 19, 2006 | No. of Pages: 16<br>(including this page) | Client/Matter: 700953-53666 |
| User #: 7468                                     | Ext: 6054                | Disbursement Amount: \$                   |                             |

Practitioner's Docket No. 700953-53666

PATENT

## IN THE UNITED STATES RECEIVING OFFICE

| International Application Number | International Filing Date        | International Earliest Priority Date |
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SignatureMegan L. Stenbridge

Typed or printed name of person signing Certificate

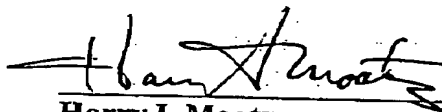
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
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**LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)**

Leena H. Karttunen is hereby given limited recognition under 37 CFR §11.9(b) as an employee of Nixon Peabody LLP, to prepare and prosecute patent applications wherein the patent applicant is the client of Nixon Peabody LLP and an attorney or agent of record in the applications is a registered practitioner who is a member of Nixon Peabody LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Leena H. Karttunen ceases to lawfully reside in the United States, (ii) Leena H. Karttunen's employment with Nixon Peabody LLP ceases or is terminated, or (iii) Leena H. Karttunen ceases to remain or reside in the United States on an H-1B visa.

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**Harry I. Moatz**  
Director of Enrollment and Discipline

|  |   |   |   |
|--|---|---|---|
| FORM PTO-1390<br>(REV 12-2001)   |   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEYS DOCKET NUMBER<br>700953-53666                       |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |   |   | U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br>10/579,007 |
| INTERNATIONAL APPLICATION NO.<br>PCT/US2004/037810   | INTERNATIONAL FILING DATE<br>12 November 2004 | PRIORITY DATE CLAIMED<br>12 November 2003               |   |
| TITLE OF INVENTION SYSTEM FOR TREATING AND PREVENTING BREAST CANCER  |   |   |   |
| APPLICANT(S) FOR DO/EO/US Panicali et al.  |   |   |   |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input checked="" type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information:<br/><br/>Certificate of Facsimile Transmission,<br/>Certificate of Limited Recognition (L. H. Karttunen).</li> </ol> |   |   |   |

|  |              |   |            |                         |              |
|--|--------------|---|------------|-------------------------|--------------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.50)  |              | INTERNATIONAL APPLICATION NO.   |            | ATTORNEYS DOCKET NUMBER |              |
| 10/579,007   |              | PCT/US2004/037810   |            | 700953-53666            |              |
| The following fees are submitted:  |              |   |            | CALCULATIONS            | PTO USE ONLY |
| 21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....   |              |   |            | \$                      |              |
| 22. <input type="checkbox"/> Examination fee.....  |              |   |            | \$                      |              |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....  |              |   |            |                         |              |
| All other situations.....  |              |   |            |                         |              |
| 23. <input type="checkbox"/> Search fee.....   |              |   |            | \$                      |              |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....  |              |   |            |                         |              |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....   |              |   |            |                         |              |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....  |              |   |            |                         |              |
| All other situations.....  |              |   |            |                         |              |
| TOTAL OF 21, 22 and 23 =   |              |   |            | \$                      |              |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(e) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |              |   |            |                         |              |
| Total Sheets   | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |                         |              |
| - 100 =  | /50 =        |   | x \$250.00 | \$                      |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |   |            | \$                      |              |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       |                         |              |
| Total claims   | - 20 =       |   | x \$50.00  | \$                      |              |
| Independent claims   | - 3 =        |   | x \$200.00 | \$                      |              |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   | + \$360.00 | \$                      |              |
| TOTAL OF ABOVE CALCULATIONS =  |              |   |            | \$                      |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |            | \$                      |              |
| SUBTOTAL =   |              |   |            | \$                      |              |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |            | \$                      |              |
| TOTAL NATIONAL FEE =   |              |   |            | \$                      |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |              |   |            | \$                      |              |
| TOTAL FEES ENCLOSED =  |              |   |            | \$ 0.00                 |              |
|  |              |   |            | Amount to be refunded:  | \$           |
|  |              |   |            | Amount to be charged:   | \$           |

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 19-2380 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2380. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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100 Summer Street  
Boston, MA 02110-2131



SIGNATURE

Ronald I. Eisenstein / Leena H. Karttunen

30,628 / L0207

REGISTRATION NUMBER

**NIXON PEABODY LLP**  
100 Summer Street  
Boston, Massachusetts 02110

Attorney's Docket No. 700953-53666

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**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM FOR TREATING AND PREVENTING BREAST CANCER**

which is described and claimed in:

- ☐ the specification attached hereto.
- ☐ the specification in U.S. Application Serial Number \_\_\_\_\_ filed on;
- ☒ the specification in PCT International Application Number PCT/US2004/037810 filed on November 12, 2004 and as amended in a preliminary amendment submitted on May 11, 2006 with the 371 National Stage Entry.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

| <b>Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:</b> |                           |                       |  |
|---|---------------------------|-----------------------|--|
| <b>Application No.</b>  | <b><u>Filing Date</u></b> | <b><u>Country</u></b> | <b><u>Priority Claimed under 35 U.S.C. §119?</u></b>     |
|   |                           |                       | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|   |                           |                       | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|   |                           |                       | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|   |                           |                       | <input type="checkbox"/> YES <input type="checkbox"/> NO |

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

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**100 Summer Street**  
**Boston, Massachusetts 02110**

**Attorney's Docket No. 700953-53666**

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| Prior U.S. Applications or PCT International Applications Designating the U.S.-Benefit<br>under 35 U.S.C. §120 |                  |                             |                    |           |  |
|--|------------------|-----------------------------|--------------------|-----------|--|
| U.S. Applications  |                  |                             | Status (Check One) |           |  |
| Application Serial No.   | U.S. Filing Date | Patented                    | Pending            | Abandoned |  |
|  |                  |                             |                    |           |  |
|  |                  |                             |                    |           |  |
|  |                  |                             |                    |           |  |
| PCT Applications Designating the U.S.  |                  |                             |                    |           |  |
| Application No.  | Filing Date      | U.S. Serial No.<br>Assigned |                    |           |  |
| PCT/US2004/037810  | 12 Nov 2004      |                             |                    | X         |  |
|  |                  |                             |                    |           |  |
|  |                  |                             |                    |           |  |

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

| <u>Applicant</u>          | <u>Provisional Application Number</u> | <u>Filing Date</u> |
|---------------------------|---------------------------------------|--------------------|
| Dennis L. Panicali et al. | 60/519,427                            | November 12, 2003  |
|                           |                                       |                    |
|                           |                                       |                    |

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ronald I. Eisenstein (Reg. No. 30,628)  
 30,727)  
 Leena Karttunen (L0207)  
 32,163)  
 Edwin V. Merkel (Reg. No. 40,087)  
 58,109)

David S. Resnick (Reg. No. 34,235)  
 Gunnar G. Leinberg (Reg. No. 35,584)  
 J. Amelia Feulner (Reg. No. 58,039)

Michael L. Goldman (Reg. No.  
 Joseph Noto (Reg. No.  
 Candace Summerford (Reg. No.



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**Boston, Massachusetts 02110**

**Attorney's Docket No. 700953-53666**

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|   |   |
|---|---|
| <b>SEND CORRESPONDENCE TO:</b><br>Ronald I. Eisenstein<br>NIXON PEABODY LLP<br>100 Summer Street<br>Boston, Massachusetts 02110 | <b>DIRECT TELEPHONE CALLS TO:</b><br>Ronald I. Eisenstein<br>(617) 345-6054 |
|---|---|

|     |                         |   |                                       |  |
|-----|-------------------------|---|---------------------------------------|--|
| 201 | FULL NAME OF INVENTOR   | LAST NAME<br><b>PANICALI</b>                  | FIRST NAME<br><b>DENNIS</b>           | MIDDLE NAME<br><b>L.</b>                         |
|     | RESIDENCE & CITIZENSHIP | CITY<br><b>Acton</b>                          | STATE OR FOREIGN COUNTRY<br><b>MA</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|     | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>114 Nonset Path</b> | CITY<br><b>Acton</b>                  | STATE OR COUNTRY AND ZIP CODE<br><b>MA 01720</b> |

|     |                         |  |                                       |  |
|-----|-------------------------|--|---------------------------------------|--|
| 202 | FULL NAME OF INVENTOR   | LAST NAME<br><b>MAZZARA</b>                    | FIRST NAME<br><b>GAIL</b>             | MIDDLE NAME<br><b>P.</b>                         |
|     | RESIDENCE & CITIZENSHIP | CITY<br><b>Winchester</b>                      | STATE OR FOREIGN COUNTRY<br><b>MA</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|     | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>22 Rangeley Road</b> | CITY<br><b>Winchester</b>             | STATE OR COUNTRY AND ZIP CODE<br><b>MA 01890</b> |

|     |                         |  |                                       |  |
|-----|-------------------------|--|---------------------------------------|--|
| 203 | FULL NAME OF INVENTOR   | LAST NAME<br><b>GRITZ</b>                      | FIRST NAME<br><b>LINDA</b>            | MIDDLE NAME<br><b>R.</b>                         |
|     | RESIDENCE & CITIZENSHIP | CITY<br><b>SOMERVILLE</b>                      | STATE OR FOREIGN COUNTRY<br><b>MA</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|     | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>3 Emerson Street</b> | CITY<br><b>Somerville</b>             | STATE OR COUNTRY AND ZIP CODE<br><b>MA 02143</b> |

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**Boston, Massachusetts 02110**

**Attorney's Docket No. 700953-53666**

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|            |                         |  |                                       |  |
|------------|-------------------------|--|---------------------------------------|--|
| <b>204</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>SCHLOM</b>                         | FIRST NAME<br><b>JEFFREY</b>          | MIDDLE NAME                                      |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Potomac</b>                             | STATE OR FOREIGN COUNTRY<br><b>MD</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>10301 Scerrel Avenue</b> | CITY<br><b>Potomac</b>                | STATE OR COUNTRY AND ZIP CODE<br><b>MD 20854</b> |

|            |                         |  |                                       |  |
|------------|-------------------------|--|---------------------------------------|--|
| <b>205</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>TSANG</b>                      | FIRST NAME<br><b>KWONG-YOK</b>        | MIDDLE NAME                                      |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Bethesda</b>                        | STATE OR FOREIGN COUNTRY<br><b>MD</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>5420 York Avenue</b> | CITY<br><b>Bethesda</b>               | STATE OR COUNTRY AND ZIP CODE<br><b>MD 20814</b> |

|            |                         |   |                                       |  |
|------------|-------------------------|---|---------------------------------------|--|
| <b>206</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>HODGE</b>                                     | FIRST NAME<br><b>JAMES</b>            | MIDDLE NAME<br><b>W.</b>                         |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Gaithersburg</b>                                   | STATE OR FOREIGN COUNTRY<br><b>MD</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>19030 Montgomery Village Avenue</b> | CITY<br><b>Gaithersburg</b>           | STATE OR COUNTRY AND ZIP CODE<br><b>MD 20879</b> |

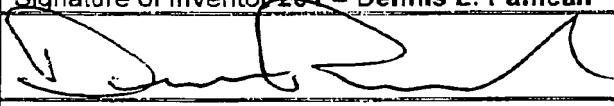
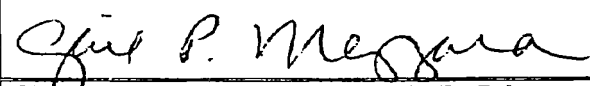
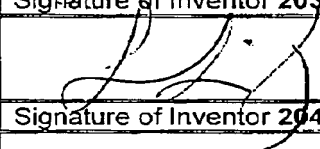
I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or

NIXON PEABODY LLP  
100 Summer Street  
Boston, Massachusetts 02110

Attorney's Docket No. 700953-53666

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imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|   |         |
|---|---------|
| Signature of Inventor 201 – Dennis L. Panicali                                    | Date:   |
|  | 5/22/06 |
| Signature of Inventor 202 – Gail P. Mazzara                                       | Date:   |
|  | 5/22/06 |
| Signature of Inventor 203 – Linda R. Gritz  | Date:   |
|  | 5/22/06 |
| Signature of Inventor 204 – Jeffrey Schlom  | Date:   |
|   |         |
| Signature of Inventor 205 – Kwong-Yok Tsang                                       | Date:   |
|   |         |
| Signature of Inventor 206 – James W. Hodge  | Date:   |

**NIXON PEABODY LLP**  
100 Summer Street  
Boston, Massachusetts 02110

**Attorney's Docket No. 700953-53666**

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**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM FOR TREATING AND PREVENTING BREAST CANCER**

which is described and claimed in:

- ☐ the specification attached hereto.
- ☐ the specification in U.S. Application Serial Number \_\_\_\_\_ filed on;
- ☒ the specification in PCT International Application Number PCT/US2004/037810 filed on November 12, 2004 and as amended in a preliminary amendment submitted on May 11, 2006 with the 371 National Stage Entry.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

| Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119: |                    |                |  |
|--|--------------------|----------------|--|
| Application No.  | <u>Filing Date</u> | <u>Country</u> | Priority Claimed<br>under 35 U.S.C. §119?                |
|  |                    |                | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|  |                    |                | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|  |                    |                | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|  |                    |                | <input type="checkbox"/> YES <input type="checkbox"/> NO |

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

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**Boston, Massachusetts 02110**

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| <b>Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit under 35 U.S.C. §120</b> |                         |                                 |                           |                |                  |
|---|-------------------------|---------------------------------|---------------------------|----------------|------------------|
| <b><u>U.S. Applications</u></b>   |                         |                                 | <b>Status (Check One)</b> |                |                  |
| <b>Application Serial No.</b>   | <b>U.S. Filing Date</b> |                                 | <b>Patented</b>           | <b>Pending</b> | <b>Abandoned</b> |
|   |                         |                                 |                           |                |                  |
|   |                         |                                 |                           |                |                  |
|   |                         |                                 |                           |                |                  |
| <b>PCT Applications Designating the U.S.</b>  |                         |                                 |                           |                |                  |
| <b>Application No.</b>  | <b>Filing Date</b>      | <b>U.S. Serial No. Assigned</b> |                           |                |                  |
| PCT/US2004/037810   | 12 Nov 2004             |                                 |                           | X              |                  |
|   |                         |                                 |                           |                |                  |
|   |                         |                                 |                           |                |                  |

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

| <u><b>Applicant</b></u>   | <u><b>Provisional Application Number</b></u> | <u><b>Filing Date</b></u> |
|---------------------------|--|---------------------------|
| Dennis L. Panicali et al. | 60/519,427                                   | November 12, 2003         |
|                           |  |                           |
|                           |  |                           |

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ronald I. Eisenstein (Reg. No. 30,628)  
 30,727)  
 Leena Karttunen (L0207)  
 32,163)  
 Edwin V. Merkel (Reg. No. 40,087)  
 58,109)

David S. Resnick (Reg. No. 34,235)  
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Michael L. Goldman (Reg. No.  
 Joseph Noto (Reg. No.  
 Candace Summerford (Reg. No.

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|   |   |
|---|---|
| <b>SEND CORRESPONDENCE TO:</b><br>Ronald I. Eisenstein<br>NIXON PEABODY LLP<br>100 Summer Street<br>Boston, Massachusetts 02110 | <b>DIRECT TELEPHONE CALLS TO:</b><br><br>Ronald I. Eisenstein<br>(617) 345-6054 |
|---|---|

|            |                         |   |                                       |  |
|------------|-------------------------|---|---------------------------------------|--|
| <b>201</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>PANICALI</b>                  | FIRST NAME<br><b>DENNIS</b>           | MIDDLE NAME<br><b>L.</b>                         |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Acton</b>                          | STATE OR FOREIGN COUNTRY<br><b>MA</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>114 Nonset Path</b> | CITY<br><b>Acton</b>                  | STATE OR COUNTRY AND ZIP CODE<br><b>MA 01720</b> |

|            |                         |  |                                       |  |
|------------|-------------------------|--|---------------------------------------|--|
| <b>202</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>MAZZARA</b>                    | FIRST NAME<br><b>GAIL</b>             | MIDDLE NAME<br><b>P.</b>                         |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Winchester</b>                      | STATE OR FOREIGN COUNTRY<br><b>MA</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>22 Rangeley Road</b> | CITY<br><b>Winchester</b>             | STATE OR COUNTRY AND ZIP CODE<br><b>MA 01890</b> |

|            |                         |  |                                       |  |
|------------|-------------------------|--|---------------------------------------|--|
| <b>203</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>GRITZ</b>                      | FIRST NAME<br><b>LINDA</b>            | MIDDLE NAME<br><b>R.</b>                         |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>SOMERVILLE</b>                      | STATE OR FOREIGN COUNTRY<br><b>MA</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>3 Emerson Street</b> | CITY<br><b>Somerville</b>             | STATE OR COUNTRY AND ZIP CODE<br><b>MA 02143</b> |

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|            |                         |   |                                       |  |
|------------|-------------------------|---|---------------------------------------|--|
| <b>204</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>SCHLOM</b>                        | FIRST NAME<br><b>JEFFREY</b>          | MIDDLE NAME                                      |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Potomac</b>                            | STATE OR FOREIGN COUNTRY<br><b>MD</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>10301 Sorrel Avenue</b> | CITY<br><b>Potomac</b>                | STATE OR COUNTRY AND ZIP CODE<br><b>MD 20854</b> |

|            |                         |  |                                       |  |
|------------|-------------------------|--|---------------------------------------|--|
| <b>205</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>TSANG</b>                      | FIRST NAME<br><b>KWONG-YOK</b>        | MIDDLE NAME                                      |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Bethesda</b>                        | STATE OR FOREIGN COUNTRY<br><b>MD</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>5420 York Avenue</b> | CITY<br><b>Bethesda</b>               | STATE OR COUNTRY AND ZIP CODE<br><b>MD 20814</b> |

|            |                         |   |                                       |  |
|------------|-------------------------|---|---------------------------------------|--|
| <b>206</b> | FULL NAME OF INVENTOR   | LAST NAME<br><b>HODGE</b>                                     | FIRST NAME<br><b>JAMES</b>            | MIDDLE NAME<br><b>W.</b>                         |
|            | RESIDENCE & CITIZENSHIP | CITY<br><b>Gaithersberg</b>                                   | STATE OR FOREIGN COUNTRY<br><b>MD</b> | COUNTRY OF CITIZENSHIP<br><b>US</b>              |
|            | POST OFFICE ADDRESS     | POST OFFICE ADDRESS<br><b>19030 Montgomery Village Avenue</b> | CITY<br><b>Gaithersberg</b>           | STATE OR COUNTRY AND ZIP CODE<br><b>MD 20879</b> |



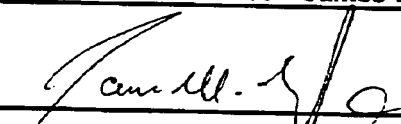
I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or

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imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |         |
|--|---------|
| Signature of Inventor 201 – Dennis L. Panicali                                     | Date:   |
|  |         |
| Signature of Inventor 202 – Gail P. Mazzara  | Date:   |
|  |         |
| Signature of Inventor 203 – Linda R. Gritz   | Date:   |
|  |         |
| Signature of Inventor 204 – Jeffrey Schlom   | Date:   |
|   | 5-23-06 |
| Signature of Inventor 205 – Kwong-Yok Tsang  | Date:   |
|   | 5-23-06 |
| Signature of Inventor 206 – James W. Hodge   | Date:   |
|  | 5-23-06 |